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(54) **Methods for treating a suspension of mononuclear cells to facilitate extracorporeal photopheresis**

(57) A method for performing a photopheresis procedure is provided comprising collecting MNCs in a suspension comprising RBCs and plasma and lysing the red blood cells in the solution, preferably by combining the suspension with a solution to cause lysis. In one example, the solution for causing lysis of the red blood cells comprises ammonium chloride, and the suspension including the ammonium chloride is incubated to cause lysing. After lysing, the suspension may be washed to remove plasma and hemoglobin freed by the lysis of the red blood cells, and an ultraviolet light activated substance is added to the suspension. The suspension is then irradiated with ultraviolet light.

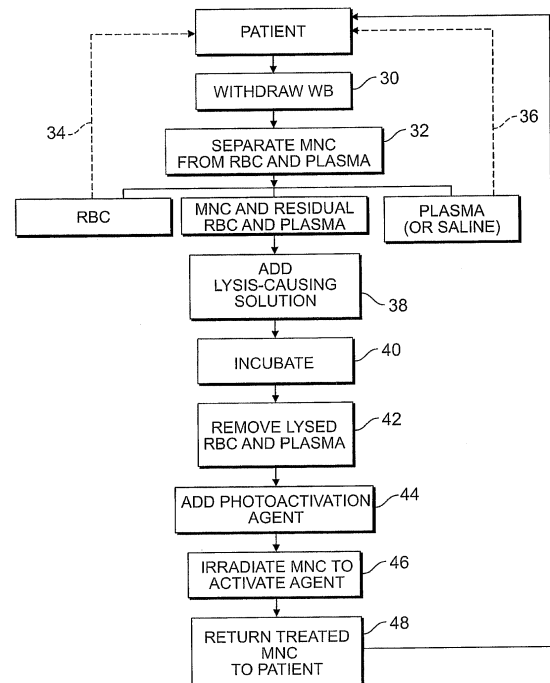


FIG. 5



EUROPEAN SEARCH REPORT

 Application Number
 EP 13 18 8736

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	US 2004/209377 A1 (CREWS HAROLD RICHARDSON [US] ET AL) 21 October 2004 (2004-10-21) * paragraphs [0006] - [0007], [0012] - [0017] *	1-14	
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			TECHNICAL FIELDS SEARCHED (IPC)
			A61M
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 3 February 2015	Examiner Kaden, Malte
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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